

**2011 WorldSkills Australia School / College  
Metal & Engineering Competition  
MLS11/3 Competitors' Pre-Competition Information**

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**PREAMBLE**

Part of the assessment is the reading of these documents. Please read them carefully.

The aim of this assessment is two fold.

Firstly it is a WorldSkills competition that will give you a ranking according to the skills demonstrated on the day. WorldSkills competitions assess on a criteria basis, which means that you are judged according to your ability to achieve set goals and are awarded marks according to how well you achieve those goals, i.e. if you perform better than the industry standard demands [the minimum mark], then you will be rewarded for that effort.

Secondly, it is an assessment of competence to a given competency standard.  
In this case:

**MEM 1.4FA - Plant to undertake routine task**  
**MEM 1.2FA – Occupational Health & Safety**  
**MEM 2.1C12A – Apply Quality Procedures**  
**MEM 1.3FA – Plan & Undertake a Task**  
**MEM 2.5CIIA – Measure with Graduated Devices**  
**MEM 9.2AA – Interpret Technical Drawing**  
**MEM 18.1AA – Use of Hand Tools**  
**MEM 2.8C10A - Perform Computations**  
**MEM 18.2 AA – Use of Power Tools**

Some points about the marking of this project:

1. Points will only be awarded as indicated the marking scale: no splitting of scores is permitted.
2. The marking criteria are found on the making scale beside each entry point. In some cases you will also find the criteria on the plans and on marking guide drawings within the marking scale.
3. Competency and Rankings, please read the pages 3 & 4. These describe how competency is assessed in the marking scale and how achievement or non achievement of competency effects your ranking.
4. Part of the assessment is the reading of these documents. Fastening criteria is given in the competitor's instructions you will receive on the day. Be sure to note them.

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## OCCUPATIONAL HEALTH & SAFETY

- Only three cautions may be given
- One receipt of the second caution you will be given notice that a third indiscretion will cause disqualification
- No points shall be deducted for cautions
- Should you show yourself to be unfamiliar with a piece of equipment, a judge may offer instruction on that equipment at the expense of time to you. This may be done in place of recording a caution at the judge's discretion and with your consent
- You may request instruction on equipment with which you are unfamiliar at the expense of your own time

These OH&S notes will be repeated in your competitor's instructions given out on the day.

## Competency Assessment

Competency may only be awarded when a student or competitor has achieved a "yes" in **ALL** of those qualities highlighted in the marking scale.

Key qualities amounting to competency have been highlighted as example below:

<b>Finish</b>				Key Qualities
<b>Quality Checked</b>	<b>Criteria</b>	<b>Yes</b>	<b>No</b>	
File & Hammer marks	None	2	0	
Marking blue has been removed	None [Assessor's Discretion]	1	0	
Fits/Sizes/Completed Works	None [Assessor's Discretion]	3	0	
		<b>Score 6</b>		

The qualities of producing finished work unmarked by hammer blows and without vice marks is critical to competent performance and hence are highlighted as such. The other qualities of cleanliness of the finished work, whilst highly desirable does not detract sufficiently for the demonstrated competency to eliminate the award. That is to say that the other qualities are either of an advanced nature, or that they are likely to cause only such error as may be rectified easily without reducing the overall outcome. Such qualities are hence 'desirable' but not essential to someone 'competently' doing the task.

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To gain the competencies listed the competitor or student **must have a 'yes'** for **all** these qualities – irrespective of the overall score gained either for the element or the task as a whole.

It is also possible to gain one competency and not the other.

**Note:** A high score does not necessarily indicate competence.

### **Competency and Rankings**

Whilst assessed competency does not impact upon score, assessed competency does impact upon ranking.

- 1st, 2nd and 3rd places shall only be awarded to those who have also been assessed through the marking scale as competent.
- **Irrespective of score** those assessed as competent will be ranked above those who did not achieve competency.

#### **Example 1:**

John Smith gains a score of 78% [the highest score] but fails in one or more elements of competency.

Marg Jones gains a score of 70% [the second highest score] and achieves all elements of competency.

Marg Jones is ranked 1st.

#### **Example 2:**

John Smith gains a score of 78% [the highest score] but fails in one or more elements of competency.

Jim, Phil, Loris, Niki & Brian all score below John, [irrespective of the margin] and all achieve competency.

John is ranked **below** Jim, Phil, Loris, Niki & Brian. John is only placed higher than next highest scoring competitor who did not gain competency.

### **OH&S Requirements**

**Electrical Equipment test & tag - Organisers and Competitors** - Only 240V & 415v electrical equipment that has been tested by a competent person and has a current test tag attached shall be allowed to be used in the competitions

**Demonstrate Good Housekeeping - Organisers and Competitors** are required to properly manage their workplace, including minimising waste, preventing unavoidable power/gas consumption and effectively using materials and tools.

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**Safe Work Method Statement - Competitors** must complete a Safe Work Method Statement in preparation to compete in the competition. Completed Safe Work Method Statements must be submitted to the Chief Judge prior to the start of the competition. No competitor will be allowed to compete in the competition unless a Safe Work Method Statement has been completed.

**Electrical Procedures - Organisers and Competitors** involved in any electrical activities associated with the competitions are required to use a safe system of work. This shall include following the WorldSkills Australia Electrical procedure and completing an Electrical Risk Assessment prior to competition.

**Safety Checklist**

The Safety Checklists are to be completed by the Chief Judge in each category prior to commencing the competitions each day. The Safety Checklists will help you maintain a safe working environment. Workers includes all persons associated with the competition work areas.